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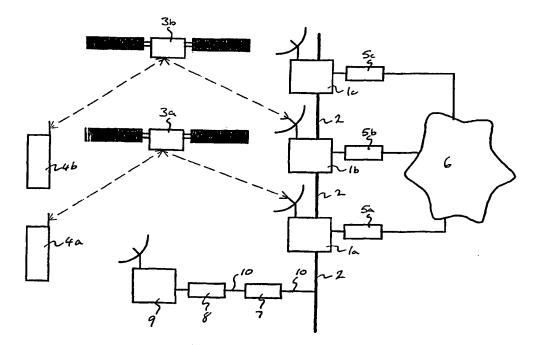
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(57) Abstract

A mobile station (4a) in a satellite mobile telephone system receives propagation information such as propagation time and doppler shift from one or more satellites (3a, 3b). The information received defines two curves on the earth's surface. The mobile station (4a) determines the intersections of these curves and uses this information to determine its position.

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